

TECHNICAL PRODUCT INFORMATION

LEX'S® High Speed Roller Bearing Grease

Product Description:

LEX'S HIGH SPEED ROLLER BEARING EP2 is a superior grease made with high quality base oil, lithium soap and non-abrasive basic oxides. EP anti-wear additives provide additional protection and long bearing life. It has excellent pumpability characteristics, good shear stability and does not harden or soften readily under moderately high temperature.

Typical Uses:

- Recommended for High speed bearings in automobiles, Rolling Mills, Construction Machinery, Spinning and Grinding spindles.
- This grease is ideal for High/Low temperatures, High/Low speeds, High Loads, Low friction, Vibratory stress etc.
- Recommended for all types of Ball Bearings and Roller Bearings.

Features:

- Outstanding wide temperature range grease.
- Unequalled water washout resistance.
- Excellent shock load-carrying ability.
- Rust and corrosion inhibited to protect metal surfaces.
- Extreme pressure protection – ~2000 weld load (4 ball test)
- Dropping point - 182°C.
- Excellent grease for most High speed ball bearings and roller bearings.

Typical Properties:

GRADE NLGI	2
Penetration @ 77°F. (ASTM WORKED)	280
Dropping Point °C	182
Base Oil Viscosity:	
cSt @ 40°C	119
cSt @ 100°C	10.0
4 Ball Weld Type	~2000
Soap Type	Lithium
Base Oil	Mineral + Ester
Colour	Dark Brown
Temperature Range °C	-40 to 150
Pressure Drop after 100h at 99 (DIN 51808), kPa	<40
Water Resistance (DIN51807-1)	1-90

Speed Range:	Unit	Ball Bearings & Cylindrical Roller Bearings	Other Roller Bearings (*)
Speed Limit n*dm	[mm/min]	800,000	350,000

(*) Not for cylindrical roller thrust bearings and spherical roller thrust bearings

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.